



Serial No.: 09/435,540
Examiner: Not Assigned

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Steven R. Donovan
Serial No: 09/435,540
Filed: November 8, 1999

Docket: RIC99057
Art Unit: 2766
Examiner: Not Assigned

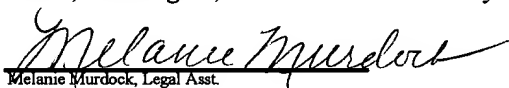
Title: METHOD OF COMBINING INTERNET PROTOCOLS FOR SESSION SETUP, TEARDOWN, AUTHENTICATION, AUTHORIZATION, AND ACCOUNTING USING THE DIFFERENTIATED SERVICES MODEL

**TRANSMITTAL OF NOTICE TO FILE MISSING PARTS
OF APPLICATION UNDER 37 C.F.R. § 1.27**

ATTENTION: Box Missing Parts
Assistant Commissioner for Patents
Washington, D.C. 20231

Certificate Under 37 C.F.R. §1.8(a)

I hereby certify that the above correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on February 1, 2000.


Melanie Murdock, Legal Asst.

Dear Sir:

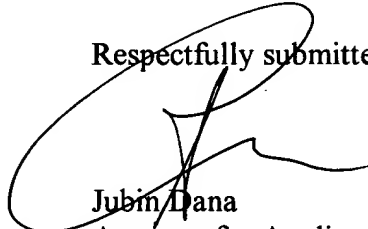
Enclosed are the following:

- Notice to File Missing Parts of Application Filing Date Granted mailed November 30, 1999;
- Declaration and Power of Attorney for inventor Steven R. Donovan;
- Assignment and Cover Sheet for inventor, Steven R. Donovan, signature dated January 26, 2000;
- One month Extension of Time; and
- Fee Transmittal.

Applicants respectfully request that the filing date of November 8, 1999 be granted for this application.

Applicants hereby authorize the fee of \$280.00 as set forth in 37 C.F.R. 1.16(e) to Deposit Account No. 13-2491. **This letter is submitted in duplicate.**

Respectfully submitted,



Jubin/Dana
Attorney for Applicants
Reg. No. 41,400

Dated:

Feb 1, 2000

MCIWorldCom, Inc.
1133 19th Street, N.W.
Washington, D.C. 20036

Phone: (972) 729-7379
Fax: (972) 729-7255



SECTOR
+

Please type a (+) inside this box → ☐

PTO/SB/21 (6-98)
Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Applicati n Number	09/435,540	
	Filing Date	November 8, 1999	
	First Named Inventor	Steven R. Donovan	
	Group Art Unit	2766	
	Examiner Name	Not Assigned	
Total Number of Pages in This Submission	11	Attorney Docket Number	RIC99057

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Small Entity Statement	Postcard; Declaration and Power of Attorney for Utility Patent Application
	<input type="checkbox"/> Request for Refund	
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	MCIWorldCom, Inc.
Signature	 Jubin Dana, Reg. No. 41,400
Date	February 1, 2000

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: February 1, 2000			
Typed or printed name	Melanie Murdock, Legal Assistant		
Signature		Date	February 1, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FEB 08 2000

PTO/SB/17 (12/99)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

Complete if Known

TOTAL AMOUNT OF PAYMENT (\$) 280.00

Application Number 09/435,540
Filing Date November 8, 1999
First Named Inventor Steven R. Donovan
Examiner Name Not Assigned
Group / Art Unit 2766
Attorney Docket No. RIC99057

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 13-2491

Deposit Account Name MCIWorldCom, Inc.

☐ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

2. ☐ Payment Enclosed:
☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 690	201 345	Utility filing fee	
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 690	208 345	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
-20**	X		
-3**	X		
Multiple Dependent			

**or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 78	202 39	Independent claims in excess of 3	
104 260	204 130	Multiple dependent claim, if not paid	
109 78	209 39	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	130.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet.	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	110.00
116 380	216 190	Extension for reply within second month	
117 870	217 435	Extension for reply within third month	
118 1,360	218 680	Extension for reply within fourth month	
128 1,850	228 925	Extension for reply within fifth month	
119 300	219 150	Notice of Appeal	
120 300	220 150	Filing a brief in support of an appeal	
121 260	221 130	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,210	241 605	Petition to revive - unintentional	
142 1,210	242 605	Utility issue fee (or reissue)	
143 430	243 215	Design issue fee	
144 580	244 290	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40.00
146 690	246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 690	249 345	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify)			
Other fee (specify)			

Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 280.00

SUBMITTED BY

Name (Print/Type) Jubin Dana

Registration No. (Attorney/Agent) 41,400

Complete (if applicable)

Telephone (972) 729- 7379

Signature

Date February 1, 2000

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FILE COPY *Receipt #5*

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (6-98)
Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Applicati n Number	09/435,540
Filing Date	November 8, 1999
First Named Inventor	Steven R. Donovan
Group Art Unit	2766
Examiner Name	Not Assigned
Attorney Docket Number	RIC99057

RECEIVED
APR 4 2000
Group 2700

Total Number of Pages in This Submission **4**

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Postcard; Request to Correct to Filing Receipt
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	MCIWorldCom, Inc.
Signature	<i>[Signature]</i> Jubin Dana, Reg. No. 41,400
Date	February 1, 2000

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: February 1, 2000			
Typed or printed name	Melanie Murdock, Legal Assistant		
Signature	<i>[Signature]</i>	Date	February 1, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Serial No.: 09/435,540
Examiner: Not Assigned

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Steven R. Donovan
Serial No.: 09/435,540
Filed: November 8, 1999

Docket: RIC99057
Art Unit: 2766
Examiner: Not Assigned

RECEIVED

APR 14 2000

Group 2700

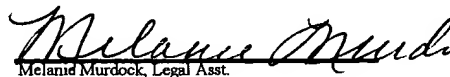
Title: METHOD OF COMBINING INTERNET PROTOCOLS FOR SESSION SETUP,
TEARDOWN, AUTHENTICATION, AUTHORIZATION, AND ACCOUNTING
USING THE DIFFERENTIATED SERVICES MODEL

REQUEST TO CORRECT FILING RECEIPT

Assistant Commissioner for Patents
Washington, D.C. 20231

Certificate Under 37 C.F.R. §1.8(a)

I hereby certify that the above correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on February 1, 2000.


Melanie Murdock, Legal Asst.

Dear Sir:

Applicants hereby request that a correct Official Filing Receipt be issued and sent to the undersigned representative. Specifically, the following correction to the Official Filing Receipt is requested: the title of the invention should read

Method Of Combining Internet Protocols For Session Setup, Teardown,
Authentication, **Authorization**, And Accounting Using The Differentiated
Services Mode[r]l

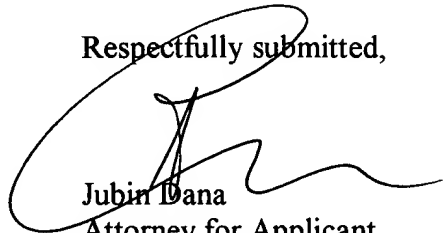
In support of the above request, enclosed is a photocopy of the instant Official Filing Receipt with the corrections noted in red.

It is therefore believed proper that a corrected Official Filing Receipt be issued, reflecting the correction of all the above noted errors. It is further requested that the corrected Official Filing Receipt be sent to the undersigned at the earliest possible time.

All correspondence should continue to be directed to the address below:

Technology Department
MCIWorldCom, Inc.
1133 19th Street, N.W.
Washington, D.C. 20036

Respectfully submitted,



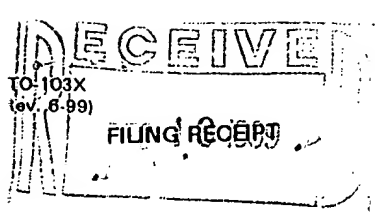
Jubin Dana
Attorney for Applicant
Reg. No. 41,400

Dated:

Feb 1, 2000

MCIWorldCom, Inc.
1133 19th Street, N.W.
Washington, D.C. 20036

Phone: (972) 729-7379
Fax: (972) 729-7255



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/435,540	11/08/99	2766	\$958.00	RIC99057	6	31	2

TECHNOLOGY DEPARTMENT
MCI WORLD.COM, INC
1133 19TH STREET NW
WASHINGTON DC 20036



RECEIVED
APR 14 2000
Group 2700

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts of Application" ("Missing Parts Notice") in this application, please submit any corrections to this Filing Receipt with your reply to the "Missing Parts Notice." When the PTO processes the reply to the "Missing Parts Notice," the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s) STEVEN R. DONOVAN.

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 11/30/99

TITLE

METHOD OF COMBINING INTERNET PROTOCOLS FOR SESSION SETUP, TEARDOWN,
AUTHENTICATION, AND ACCOUNTING USING THE DIFFERENTIATED SERVICES
MODEXL

Authorization,

PRELIMINARY CLASS: 380

DATA ENTRY BY: SASFAI, DAVID J.

TEAM: 03 DATE: 11/30/99



(See reverse for new important information)



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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09/435,540 11/08/99 DONOVAN S RIC99057

TECHNOLOGY DEPARTMENT
MCI-WORLDCOM, INC
1133 19TH STREET NW
WASHINGTON DC 20036

0222/1130

NOT ASSIGNED

Due Date
1-30-00

2766

DATE MAILED:

11/30/99

NOTICE TO FILE MISSING PARTS OF APPLICATION
Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of \$65.00 for a small entity in compliance with 37 CFR 1.27, or \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☒ small entity (statement filed) ☐ non-small entity is \$ 2766

- ☐ 1. The statutory basic filing fee is:
 - ☐ missing.
 - ☐ insufficient.Applicant must submit \$_____ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- ☐ 2. The following additional claims fees are due:
 - \$_____ for _____ total claims over 20.
 - \$_____ for _____ independent claims over 3.
 - \$_____ for multiple dependent claim surcharge.Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.
- ☐ 3. The oath or declaration:
 - ☐ is missing or unsigned.
 - ☐ does not cover the newly submitted items.An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date, is required.
- ☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- ☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

- ☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).
- ☐ 7. Your filing receipt was mailed in error because your check was returned without payment.
- ☐ 8. The application was filed in a language other than English.
Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).
- ☐ 9. OTHER _____

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice MUST be returned with the reply.

[Signature]
Customer Service Center
Initial Patent Examination Division (703) 308-1202

02/10/2000 CLETIN 09R35540
00000064 132491
01 FC:105
130.00 CH

Best Available Copy